

Dear Emory Cardiac Toolbox Customer,

The Emory Cardiac Toolbox (ECTb™) program which you have just installed from our web site needs to be tested in order to verify proper operation prior to using it clinically. Following installation you should use the program to process the example patients that are provided. These patients are located in the C:\Program Files\Syntermed\ECToolboxRT\ExamplePts folder. Run both the normal and abnormal (DualGated) patients and check your results with the expected results which are listed on the next page. Please review the manuals which you downloaded from the web site and are located on your PC.

Thanks you for your interest in the Emory Cardiac Toolbox™ program and we look forward to working with you both now and in the future to meet all your Nuclear Cardiology and Nuclear Medicine medical imaging needs. If you have any questions regarding these software programs please don't hesitate to give me a call at 714 281-1256.

Sincerely,

Kenneth F. Van Train
President

ECTb Network Acceptance Testing

Following installation of the Emory Cardiac Toolbox Network on your PC and prior to using the program for evaluation of your clinical studies you need to process two of the example patients on the CD to perform the acceptance testing. Listed below are the expected results for perfusion and function for the two patients. Compare the actual results you receive with the expected results.

NormalExample (Nancy Ramcademo)

ECTb Page:	Function Evaluated	Expected Result	Actual Result
Parameters	Stress Center	(32.32, 33.03)	
	Rest Center	(34.01, 26.73)	
	Stress Apex	4	
	Stress Base	15	
	Rest Apex	4	
	Rest Base	15	
Slices	TID Ratio	0.86	
Polar Maps -Extent/ Mass (ungated)	Stress Defect - Estimated Mass	Def 1: 0 gm	
	Stress Defect - Stress Percent of Myo	Def 1: 0%	
	Reversibility – Estimated Mass	0gm	
	Reversibility – Percent of Defect	0%	
	Reversibility – Percent of Myo	0%	
	Stress Total Severity Score	0	
	Rest Total Severity Score	0	
	Reversibility Total Sev. Score	0	
	Extent – Stress Defect:		
	Total	0	
	LAD	0	
	LCX	0	
	RCA	0	
	Extent - Reversibility:		
	Total	0	
	LAD	0	
	LCX	0	
	RCA	0	
Functional Analysis	EF	85% (RO)	
	EDV	68 ml	
	ESV	10 ml	
	SV	58 ml	
	Mass	114 gm	

ECTb Network Acceptance Testing (page 2)

DualGated (Kay Demo)

ECTb Page:	Function Evaluated	Expected Result	Actual Result
Parameters	Stress Center	(31.70, 31.38)	
	Rest Center	(31.58, 31.49)	
	Stress Apex	6	
	Stress Base	19	
	Rest Apex	5	
	Rest Base	18	
Slices	TID Ratio	1.14	
Polar Maps -Extent/ Mass (ungated)	Stress Defect - Estimated Mass	Def 1: 27 gm	
	Stress Defect - Stress Percent of Myo	Def 1: 20%	
	Reversibility – Estimated Mass	3gm	
	Reversibility – Percent of Defect	10%	
	Reversibility – Percent of Myo	2%	
	Stress Total Severity Score	405	
	Rest Total Severity Score	336	
	Reversibility Total Sev. Score	18	
	Extent – Stress Defect:		
	Total	18	
	LAD	1	
	LCX	14	
	RCA	47	
	Extent - Reversibility:		
	Total	10	
	LAD	0	
	LCX	36	
	RCA	9	
Functional Analysis	EF	73% (RO)	
	EDV	112 ml	
	ESV	31 ml	
	SV	81 ml	
	Mass	145 gm	